

'03 SEP -8 P12:22

### STATE OF HAWAII REQUEST FOR SOLE SOURCE

STATE PROCUREMENT OFFICE  
STATE OF HAWAII

TO: Chief Procurement Officer

FROM: Attorney General/Hawaii Criminal Justice Data Center  
(Department/Division/Agency)

'03 SEP -8 A8:41

Pursuant to § 103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

ADMINISTRATION  
STATE PROCUREMENT OFFICE  
STATE OF HAWAII

Description of goods, services, or construction:

See Attached (1)

Name of Vendor: Sagem Morpho, Inc.	Cost: \$48,816.00
Address: 1145 Broadway Plaza Tacoma, Washington 98402	

Term of Contract:	From:	To:	Prior Sole Source Reference No:

The goods, services, or construction has the following unique features, characteristics, or capabilities:

See Attached(2)

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

See Attached(3)

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:

See Attached (4)

Direct Questions To: Liane Moriyama, Administrator

Phone: (808) 587-3110

I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.

Richard T. Binn  
Department/Agency Head

SEP 5 2003  
Date

**First Deputy Attorney General**

Title (If other than Department/Agency Head)

Chief Procurement Officer's Comments:

Pursuant to section 3-122-81(j), HAR, the Procurement Policy Board issued Exhibit B (see attached), for procurements that need not obtain CPO approval. Your sole source procurement meets the requirements of item 4, there did not require submittal of SPO Form-1. The rules require that the purchasing agency cite on the contract the applicable number.

Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes X No    . If no, a contract must be executed and funds certified.

   X    Approved                    Denied

Alan P. Jones 9/19/03  
Chief Procurement Officer Date

. EXHIBIT B

PROCUREMENTS APPROVED FOR SOLE SOURCE  
(06/21/99)

The following procurements are not subject to the chief procurement officer's approval:

Sole  
Source  
Number

Sole Source

1. Rental of booth space for exhibits at conventions and trade shows when organized by a single sponsor.

Criteria: When rental is available only through a single organizer or sponsor of the convention or trade show.

2. For the repair, replacement, installation (connection, activation or hookup), or relocation of public utility company equipment or facilities.

Criteria: When the equipment or facilities are owned or controlled by utility companies such as an electric, telephone, gas, or cable television company.

3. Annual license renewal and maintenance for computer software.

Criteria: When the license renewal and maintenance can be obtained from only a single source, normally the developer of the software.

4. Procurement of computer software conversions, modifications, and maintenance for existing programs from the manufacturer of the software.

Criteria: When the conversion, modification, or maintenance can only be obtained from the manufacturer of the software.

## REQUEST FOR SOLE SOURCE – AFIS COMPONENTS

### (1) Description of goods, services, or construction:

This request is for sole source approval for the purchase of software modifications that work with the State's Integrated Criminal Justice System. The software described herein, is necessary to enhance the electronic capture, transmission and processing of an offender's arrest information, fingerprints, palm prints, and mug photo through the State's proprietary Store and Forward, and in particular, to provide additional security and safeguards as this software is further populated to the Kauai Police Department and Honolulu Sheriff's Department.

#### Background

HCJDC is responsible for the Hawaii Automated Fingerprint Identification System (AFIS), the Hawaii Fingerprint Archival System, and the Integrated Booking ("Green Box") and Mug Photo system, which store digitized criminal fingerprints, palm prints, and mug photos for those offenders, and transmits this data to the FBI's Integrated Automated Fingerprint Identification System (IAFIS). In May 2001, we implemented an integrated front-end arrest booking pilot at the Hawaii County Police Department ("Green Box" Project). Arrest and offender information, fingerprints, and mugshots are all captured electronically and transmitted through a highly integrated process to the Criminal History System (CJIS-Hawaii), the state's AFIS, and the FBI's IAFIS.

At the center of this integrated booking system is the Morpho Store and Forward, which is a proprietary component produced by Sagem Morpho, Inc. (SMI). Its function is to collect the demographic data, the fingerprint and palm print data, and the mug photo as they are produced, compile this data into appropriate formats (XML, NIST, etc.), and relay the appropriate data to the other components, such as the AFIS, CJIS-Hawaii, and IAFIS.

The next phase scheduled in this project is to provide this integration technology to the Kauai County Police Department and the Honolulu Sheriff's Department.

### (2) The goods, services, or construction has the following unique features, characteristics, or capabilities:

The Store and Forward (S&F) is proprietary as are all fingerprint vendor's systems. Each system is unique because of its configuration, software coding, and storage.

With the expansion, it is necessary to limit access to records to the agency that created the record, and that security is controlled by the S&F. This modification will allow only the agency owning the record(s) to perform any modifications to that record.

Additional data integrity concerns must also be addressed. Once fingerprints and palm prints have been associated with an existing record, no operator should be able to "overwrite" the fingerprint record. This is necessary to control fingerprint information being transmitted to the FBI and to the Hawaii Archival system. This will insure that, once an identifying set of fingerprints have been associated with a particular record, another offender's fingerprints cannot, even inadvertently, replace the existing record.

Additional items include data translation to conform with the FBI required formats, transmission of all charges to the FBI, and disallowing certain records from being associated with fingerprints for data integrity reasons.

- (3) How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

The manual arrest/booking process used at the police departments, fall far short of providing timely and immediate identification of offenders within the State. Under the manual multi-step processing, it takes up to 30 days between the actual booking of an individual and the establishment of the positive identification. This time delay is due to the manual scanning, routing, and processing required under the current system. Further, it would take an additional 1-2 months to obtain an FBI response after the fingerprint card is mailed to the FBI.

This delay, both at the state and federal levels, can result in "wanted" or dangerous individuals being prematurely released from custody.

Since the implementation of the "Green Box" project, HCPD has experienced a 50% reduction in arrest processing time; thereby, allowing law enforcement officers to return to their assigned duties more rapidly and tend to public safety needs as intended. There has also been a remarkable reduction in the response time from the FBI from 4-6 weeks to a guaranteed timeframe of less than 2 hours.

- (4) The following other possible sources for goods, services, or construction were investigated but do not meet our needs:

The proprietary nature of the S&F means that modification of the existing software is available only through SMI. In addition, the specialized nature of this integration technology means that having compatible components, proper data security, and data integrity is required to minimize errors and incorrect reporting to all components and agencies.

**No vendor except SMI** is able modify the existing software on the S&F currently in operation at HCJDC.